

Converting Colors

HunterLab(67.2044, -46.9515,
31.7191)

Have a look what the booklet for
HunterLab(67.2044, -46.9515,
31.7191) contains.

HunterLab(67.2235, -47.0204, 31.6694)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(67.2235,
-47.0204, 31.6694)**

Conversions

Conversions Part 1	
Format	Color
Hex	50CB5C
RGB	80, 203, 92
RGB Percent	31%, 80%, 36%
CMY	0.6863, 0.2039, 0.6392
CMYK	0.61, 0.00, 0.55, 0.20
HSL	126°, 54%, 55%
HSV	126°, 61%, 80%
XYZ	26.5959, 45.1900, 17.4460
YIQ	153.5690, -37.6770, -60.5970

Conversions

Conversions Part 2

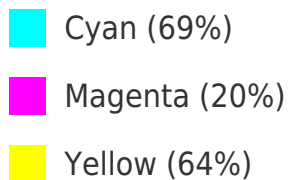
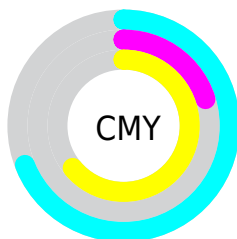
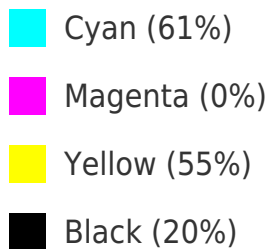
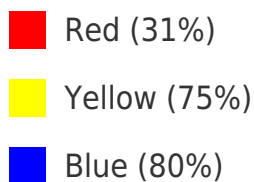
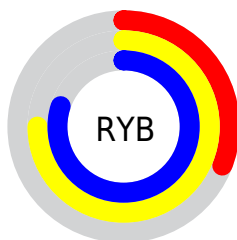
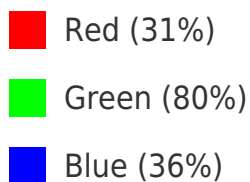
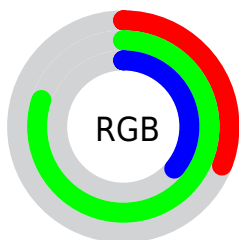
Format	Color
RYB	80, 192, 203
Decimal	5294940
CIELab	73.02, -56.66, 44.85
CIELCh	73, 72.261, 141.636
Yxy	45.1919, 0.2981, 0.5064
Android (android.graphics.Color)	4283485020 (0xFF50CB5C)
YUV	153.5690, -30.3535, -64.5200
Hunter-Lab	67.2235, -47.0204, 31.6694

Details

The HunterLab color **67.2235, -47.0204, 31.6694** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **47.1127, 57.3681, -31.9964**, and the grayscale version is **56.8021, -3.0308, 3.0862**.

A 20% lighter version of the original color is **88.9605, -51.9725, 36.0536**, and **46.1877, -38.4218, 25.2110** is the 20% darker color. If you saturate the color by 10%, you get **66.4493, -50.6674, 34.3280**, and if you desaturate by 10%, it is **68.2444, -42.3256, 28.4145**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.2235, -47.0204, 31.6694 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 67.2235, -47.0204, 31.6694 by changing the saturation by 10% instead.


 67.2235, -47.0204,
31.6694

 67.2235, -47.0204,
31.6694


191.7160,
-76.7563, 56.9278


 56.2215, -43.1252,
28.3997


 91.1089, -54.3082,
37.8149


 45.8941, -39.0042,
24.9582


 103.9279,
-57.7570, 40.7340

 36.2903, -34.5949,
21.3056


 117.2975,
-61.1038, 43.5729

 27.4693, -29.8040,
17.4058

 131.1958,
-64.3642, 46.3439

 19.5079, -24.4883,
13.6556

145.6033,
-67.5503, 49.0572

 12.5117, -21.8954,
8.7582

160.5028,

 5.7803, -10.1155,

-70.6724, 51.7212

4.0462

175.8785,
-73.7387, 54.3428

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2235, -47.0204,
31.6694

■ 67.2235, -47.0204,
31.6694

■ 66.4493, -50.6674,
34.3280

■ 68.2444, -42.3256,
28.4145

■ 65.9031, -53.2860,
36.3833

■ 69.5164, -36.5976,
24.5876

■ 65.5644, -54.9460,
37.8525


■ 71.0444, -29.8873,
20.2305


■ 65.3938, -55.8031,
38.7264


■ 72.8276, -22.2695,
15.3965


■ 74.8613, -13.8355,

10.1456

 77.1383, -4.6850,
4.5401

 79.6489, 5.0807,
-1.3586

 82.3822, 15.3639,
-7.4932

 84.3763, 22.9516,
-14.0854

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.2249, -25.7373, 39.3395



67.2235, -47.0204, 31.6694



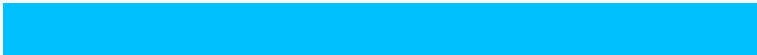
67.2249, -56.2019, 11.9794

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.2249, -47.0214, 31.6698



67.2249, -12.7098, -89.6219



67.2249, 67.4047, 22.5636

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.2235, -47.0204, 31.6694



47.1127, 57.3681, -31.9964

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.2249, 72.7778, -5.8823



67.2235, -47.0204, 31.6694



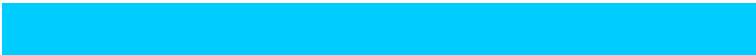
67.2249, 21.8556, -81.8944

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2249, -47.0214, 31.6698



67.2249, -39.0918, -64.3288



67.2249, 54.7613, -46.5862



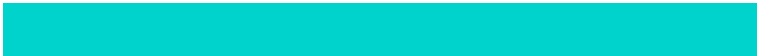
67.2249, 41.2603, 36.1622

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2235, -47.0204, 31.6694



67.2249, -55.7781, -9.9148



67.2249, 54.7613, -46.5862



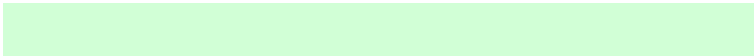
67.2249, 71.8803, 14.8853

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.2249, -47.0214, 31.6698



94.8280, -26.3409, 18.3710



73.8904, -21.2417, 39.0691



43.5308, -13.6187, 9.3976

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2249, -47.0214, 31.6698



85.7135, -66.8552, 45.4067



68.3213, -40.3665, 15.7057



35.4323, -6.0278, 4.4782



52.1724, -44.4783, 30.8049



11.8762, -9.9380, 6.6090

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.1127, 57.3681, -31.9964



56.2162, 87.7573, -48.1927



44.8107, 47.5059, -0.0858



33.7404, 2.5267, -0.8022



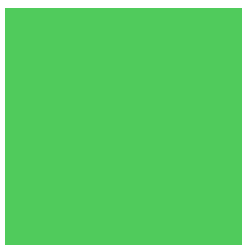
32.0443, 61.7060, -32.2315



7.3167, 14.1497, -7.8269

Previews

White Background



This preview shows how the HunterLab color 67.2235, -47.0204, 31.6694 looks on a white background.

Color Contrast Check

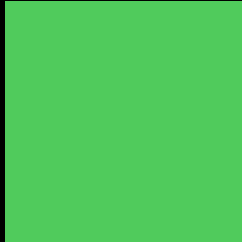
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 67.2235, -47.0204, 31.6694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 67.2235, -47.0204, 31.6694 Background



This preview shows how black text looks on a background with the HunterLab color 67.2235, -47.0204, 31.6694.



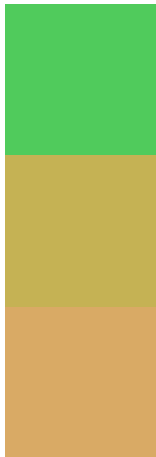
This preview shows how white text looks on a background with the HunterLab color 67.2235,

-47.0204, 31.6694.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.2235, -47.0204, 31.6694

Protanopia

66.5967, -7.8667, 33.4316

Deuteranopia




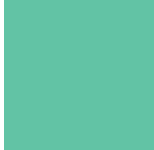
66.6639, 4.7383, 30.2109






Tritanopia

67.0590, -21.3193, -10.6794

Trichromacy

	Original Color 67.2235, -47.0204, 31.6694
	Protanomaly 65.6497, -25.6581, 31.8605
	Deuteranomaly 65.2328, -18.7439, 29.3655
	Tritanomaly 66.5909, -32.5160, 8.7693

Monochromacy

	Original Color 67.2235, -47.0204, 31.6694
	Achromatopsia 56.8457, -3.0331, 3.0885
	Achromatomaly 59.7125, -21.9864, 15.0888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.2235, -47.0204, 31.6694 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(80, 203, 92)` looks like.

```
.text, #text, p{  
    color:rgb(80, 203, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(80, 203, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 203, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 67.2235, -47.0204, 31.6694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 203, 92) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(80, 203, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(80, 203, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 203, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 203, 92);  
box-shadow:4px 4px 4px 4px rgb(80, 203,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.2235, -47.0204, 31.6694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 203, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(80, 203,  
92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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